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Dated: July 15, 2004

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(Thomas M. Palisi)

Docket No.: DAVIES 3.0-001 CIP II  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Richard J. Davies

Application No.: 10/716,789

Group Art Unit: 3736

Filed: November 19, 2003

Examiner: Not Yet Assigned

For: ELECTROPHYSIOLOGICAL APPROACHES  
TO ASSESS RESECTION AND TUMOR  
ABLATION MARGINS AND RESPONSES TO  
DRUG THERAPY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CONSIDERATION OF INFORMATION UNDER 37 CFR § 1.97 (C)**

Dear Sir:

It is respectfully requested that the references cited in the enclosed form be considered pursuant to 37 C.F.R. § 1.97(c). Please charge deposit account No. 12-1095 in the amount of \$180.00 pursuant to 37 C.F.R. § 1.17(p). In the event that any additional fee is due in connection with the present request, the same should be charged to our deposit account No. 12-1095.

Dated: July 15, 2004

Respectfully submitted,

By \_\_\_\_\_

Thomas M. Palisi

Registration No.: 36,629

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PTO/SB/08a/b (08-03)  
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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/716,789
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				Art Unit	3736
				Examiner Name	Not Yet Assigned
Sheet	1	of	11	Attorney Docket Number	DAVIES 3.0-001 CIP II

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA**	US-3,949,736	04-13-1976	Vrana, Jiri, Cervenci, Milan	
	AB**	US-4,729,385	03-08-1998	Juncosa, Robert D., Davies, Richard J.	
	AC**	US-4,955,383	09-11-1990	Faupel, Mark L.	
	AD**	US-5,099,844	03-31-1992	Faupel, Mark L.	
	AE**	US-6,251,681	06-26-2001	Davies, Richard J., Juncosa, Robert D.	
	AF**	US-6,308,097	10-23-2001	Pearlman, Andrew L.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
	BA**	WO-98/23204-A1	06/1998	CHURCH ET AL.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	FOSTER KR, SCHWAN HP. Dielectric Properties Of Tissues And Biological Materials: A Critical Review. Critical Reviews in Biomedical Engineering, 1989, pages 25-104 Volume 17, Issue 1, CRC Press, England.	
	CB	EMTESTAM L, OLLMAR S. Electrical Impedance Index In Human Skin: Measurements After Occlusion, In 5 Anatomical Regions And In Mild Irritant Contact Dermatitis. Contact Dermatitis Environmental and Occupational Dermatitis, February 1993, pages 104-108, Volume 28, No. 2, RJG Rycroft, London, England	
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Sheet	2	of	11		

CG	LACKERMEIER AH, MCADAMS ET, MOSS GP, WOOLFSON AD. In Vivo Ac Impedance Spectroscopy Of Human Skin. Theory And Problems In Monitoring Of Passive Percutaneous Drug Delivery. Annals of the New York Academy of Sciences, 1999, pages 197-213, Volume 873	
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CQ	REDMANN K, WALLISER S. Different Changes In Transmembrane Potential Of Cultured Cells After Ouabain-Inhibited Active Na <sup>+</sup> /K <sup>+</sup> -Transport. Archiv Fur Geschwulstforsch, 1981; pages 96-102. Volume 51, No. 1, Volk und Gesundheit, Berlin	
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Sheet	3	of	11	Attorney Docket Number	DAVIES 3.0-001 CIP II

CV	RANE SG. A Ca <sup>2+</sup> (+)-Activated K <sup>+</sup> Current In Ras-Transformed Fibroblasts Is Absent From Nontransformed Cells, American Journal of Physiology, January 1991, pages C104-C112, Vol. 260, No. 1, Part 1, The American Physiological Society
CW	SACHS HG, STAMBROOK PJ, EBERT JD. Changes In Membrane Potential During The Cell Cycle, Experimental Cell Research, February 1974, pages 362-366, Vol. 83, No. 2, Academic Press, New York and London
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CZ	CHAPMAN LM, WONDERGEM R. Transmembrane Potential And Intracellular Potassium Ion Activity In Fetal And Maternal Liver, Journal of Cellular Physiology, October 1984, pages 7-12, Vol. 121, No. 1, Alan R. Liss, Inc.
CA1	DECOURSEY TE, CHERNY VV. Voltage-Activated Proton Currents In Human THP-1 Monocytes, The Journal of Membrane Biology, July 1996, pages 131-140, Vol. 152, No.2, Springer
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CE1	VESELOVSKII NS, FOMINA AF. [Sodium And Calcium Channels Of The Somatic Membrane Of Neuroblastoma Cells During Artificially Induced Differentiation]. Neurofiziologija 1986; pages 207-214, Volume 18, No. 2,
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CH1	O'DONNELL ME, VILLERREAL ML. Membrane Potential And Sodium Flux In Neuroblastoma X Glioma Hybrid Cells: Effects Of Amiloride And Serum, Journal of Cellular Physiology, December 1982, pages 405-412, Volume 113, No. 3, Alan R. Liss, Inc.
CI1	LEFFERT HL, KOCH KS. Ionic Events At The Membrane Initiate Rat Liver Regeneration. Ann The New York Academy of Sciences, 1980, pages 201-215, Volume 339, New York, USA
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CL1	MOOLENAAR WH, TSIEN RY, VAN DER SAAG PT, DE LAAT SW. Na <sup>+</sup> /H <sup>+</sup> Exchange And Cytoplasmic Ph In The Action Of Growth Factors In Human Fibroblasts. Nature, International Weekly Journal of Science, August 1983, pages 645-648, Volume 304, No. 5927, MacMillan Journals, Ltd.

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Sheet	4	of	11	Attorney Docket Number	DAVIES 3.0-001 CIP II

CM1	PARIS S, POUYSSEGUR J. Biochemical Characterization Of The Amiloride-Sensitive Na <sup>+</sup> /H <sup>+</sup> Antiport In Chinese Hamster Lung Fibroblasts, The Journal of Biological Chemistry, March 1983, pages 3503-3508, Volume 258, No. 6, The American Society of Biological Chemists, Inc., USA
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CR1	DEUTSCH C, PRICE M. Role Of Extracellular Na And K In Lymphocyte Activation, Journal of Cellular Physiology, October 1982, pages 73-79, Volume 113, No. 1, Alan R. Liss, Inc.
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CU1	OWEN NE, VILLEREAL ML. Role Of Ca <sup>2+</sup> In Serum-Stimulated Na <sup>+</sup> Influx In Normal And Transformed Cells, American Journal of Physiology, March 1985, pages C288-C295, Volume 248, No. 3 Pt 1, The American Physiological Society
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CB2	DAVIES RJ, JOSEPH R, ASBUN H, SEDWITZ M. Detection Of The Cancer-Prone Colon,

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	CC2	SCHAEFER H, SCHANNE O. Membranpotentiale Von Einzelzellen in Gewebekulturen, Naturwissenschaften 1956, page 445, Volume 43, Springer-Verlag	
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	CF2	CONE CD, JR. Unified Theory On The Basic Mechanism Of Normal Mitotic Control And Oncogenesis, Journal of Theoretical Biology, January 1971, pages 151-181, Volume 30, No. 1, Academic Press	
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	CJ2	BINGGELI R, CAMERON IL. Cellular Potentials Of Normal And Cancerous Fibroblasts And Hepatocytes, Cancer Research, June 1980, pages 1830-1835, Volume 40, No. 6	
	CK2	KOCH KS, LEFFERT HL. Growth Control Of Differentiated Adult Rat Hepatocytes In Primary Culture, Annals of the New York Academy of Sciences, 1980, pages 111-127, Volume 349, The New York Academy of Sciences, New York, USA	
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	CM2	HUANG Y, RANE SG. Single Channel Study Of A Ca(2+)-Activated K+ Current Associated With Ras-Induced Cell Transformation, The Journal of Physiological Society, 1993, pages 601-618, Volume 461, Cambridge University Press	
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	CO2	SCHULTZ SG. Basic Principles of Membrane Transport, 1 ed. 1980, Cambridge University Press, London and New York	
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	CS2	MORRIS AP, CUNNINGHAM SA, BENOS DJ, FRIZZELL RA. Cellular Differentiation Is	

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		Required For cAMP But Not Ca(2+)-dependent Cl- Secretion In Colonic Epithelial Cells Expressing High Levels Of Cystic Fibrosis Transmembrane Conductance Regulator, The Journal of Biological Chemistry, March 1992, pages 5575-5583, Volume 267, No. 8, The American Society for Biochemistry and Molecular Biology	
	CT2	CHAMPIGNY G, VERRIER B, LAZDUNSKI M. A Voltage, Calcium, And ATP Sensitive Non Selective Cation Channel In Human Colonic Tumor Cells, Biochemical and Biophysical Research Communications, May 1991, pages 1196-1203, Volume 176, No. 3, Academic Press, Inc.	
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